

## **Summary**

The following document outlines several BING Maps "use cases" for several members of Vermont's Enterprise GIS Consortium's (EGC). The Agency of Commerce & Community Development (ACCD) and the Agency of Natural Resources (ANR) are currently using their own BING license keys (a snapshot of their usage is included below). The Enhanced 9-1-1 Board (E911) and the VT Center for Geographic Information (VCGI) have been doing some testing with a developer license.

## **Proposal**

BING Map Services provide State agencies with a seamless basemap service cover Vermont with imagery, transportation networks, feature labels, and address geocoding. These services are used to support both internal and external applications.

The Enterprise GIS Consortium (EGC) recommends that the existing Enterprise BING Maps license administered by ACCD be transferred to DII for administration. Doing so would enable cost sharing by members of the EGC (eg: ANR, ACCD, E911, and VCGI). This would support the needs of the individual agencies and their users while minimizing costs to the State.

## **Agency Use Cases**

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**Agency of Commerce & Community Development (ACCD)** - Current and anticipated use cases.

- Vermont Travel Planner
- Site Locator
- Smart Growth Mapper

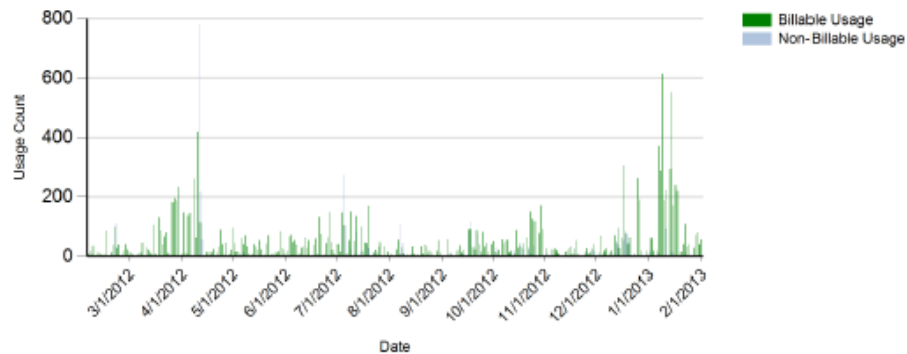
ACCD's Usage Report over a 1 year period:

# Use Case Scenarios for BING Map Services License VT Enterprise GIS Consortium



## Usage Report

from 2/5/2012 to 2/4/2013



Date	Billable Usage	Non-Billable Usage
2012	11,892	3,037
February	505	111
March	1,692	0
April	1,757	1,055
May	887	12
June	1,179	0
July	1,297	600
August	435	196
September	784	330
October	1,451	256

### Agency of Natural Resources (ANR) - Current and anticipated use cases.

- The Natural resources atlas
- Bio finder
- Environmental Interest Locator

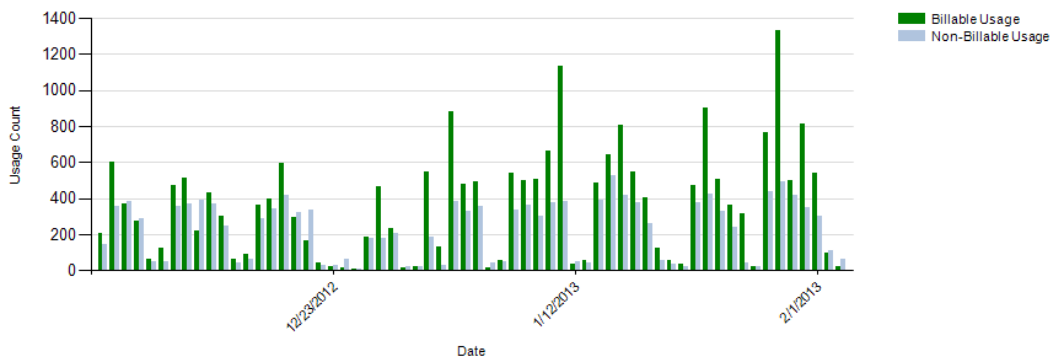
ANR's Usage Report over a 1 year period:

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### Detailed Key Usage Report

from 12/4/2012 to 2/4/2013



Bing Map Key: Aja4BVcleVnelqpTgSHjiniS9NxpNLQ5afqfM4Obq4-n2DQA1TYuQ\_-7rSuQSyai

Account ID	Account Name	Account Type	Application URL	Bing Maps Key Type	Total Usage
1155801	Erik's Map Keys	Evaluation	<a href="http://maps.vermont.gov">http://maps.vermont.gov</a>	Enterprise / Public website	36,918

### Vermont Department of Health (VDH)

VDH is interested in leveraging BING Map services in a number of web and mobile applications.

### Vermont Enhanced 9-1-1 Board (E9-1-1) - Anticipated use cases.

- E9-1-1 Viewer
- E9-1-1 Responder
- E9-1-1 Special Needs
- E9-1-1 Coordinator (Tentative)
- E9-1-1 RPC's (Tentative)
- E9-1-1 Geocoder Service (Would the BING license key provide back-up geocoding if 9-1-1 options fail)

### Vermont Center of Geographic Information - Anticipated use cases.

- VT GIS Data Warehouse - Interactive data discovery and download tool
- VT Interactive Map Viewer - Online GIS Viewer